



**Abstract**

The present invention provides isolated peptides of Japanese cedar pollen protein allergen, *Cry j I*. Peptides within the scope of the invention comprise at least one T cell epitope, or preferably at least two T cell epitopes of *Cry j I*. The invention also pertains to modified peptides having similar or enhanced therapeutic properties as the corresponding, naturally-occurring allergen or portion thereof, but having reduced side effects. The invention further provides nucleic acid sequences coding for peptides of the invention. Methods of treatment or of diagnosis of sensitivity to Japanese cedar pollens in an individual and therapeutic compositions comprising one or more peptides of the invention are also provided.